

Converting Colors

XYZ(47.4254, 57.1533, 76.9387)

Have a look what the booklet for
XYZ(47.4254, 57.1533, 76.9387)
contains.

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Color

**XYZ(47.4254, 57.1533,
76.9387)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD2DD
RGB	143, 210, 221
RGB Percent	56%, 82%, 87%
CMY	0.4392, 0.1765, 0.1333
CMYK	0.35, 0.05, 0.00, 0.13
HSL	188°, 53%, 71%
HSV	188°, 35%, 87%
XYZ	47.4254, 57.1533, 76.9387
YIQ	191.2210, -43.4630, -10.7830

Conversions

Conversions Part 2

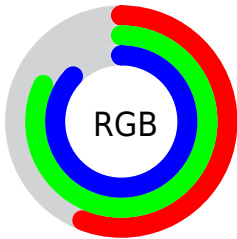
Format	Color
RYB	143, 179, 221
Decimal	9425629
CIELab	80.27, -18.36, -12.16
CIELCh	80, 22.025, 213.522
Yxy	57.1533, 0.2613, 0.3149
Android (android.graphics.Color)	4287615709 (0xFF8FD2DD)
YUV	191.2210, 14.6810, -42.2898
Hunter-Lab	75.5998, -20.3227, -7.4202

Details

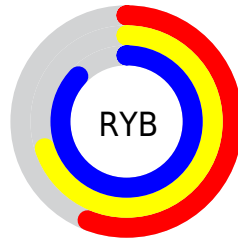
The XYZ color **47.4254, 57.1533, 76.9387** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3331, 40.4671, 31.3568**, and the grayscale version is **49.5864, 52.1687, 56.8118**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **22.6288, 28.2706, 40.3405** is the 20% darker color. If you saturate the color by 10%, you get **43.2086, 53.8498, 76.5243**, and if you desaturate by 10%, it is **52.4143, 60.8798, 77.3960**.

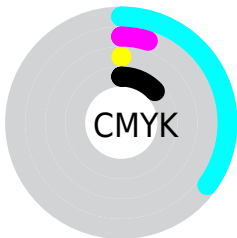
Distribution



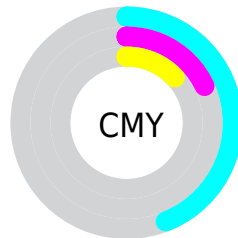
- Red (56%)
- Green (82%)
- Blue (87%)



- Red (56%)
- Yellow (70%)
- Blue (87%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)




- Cyan (44%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4254, 57.1533, 76.9387 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 47.4254, 57.1533, 76.9387 by changing the saturation by 10% instead.


 47.4254, 57.1533,
76.9387


 47.4254, 57.1533,
76.9387


367.1306,
414.0235, 503.9871

 33.5814, 41.1283,
56.6913


 85.5631, 100.6888,
130.8252

 22.7336, 28.4194,
40.3497


 110.5876,
128.9682, 165.3013

 14.5165, 18.6420,
27.4955


140.0697,
162.1011, 205.3575

 8.5649, 11.4119,
17.7100

174.3746,
200.4721, 251.4122

 4.5133, 6.3446,
10.5747

213.8678,
244.4654, 303.8839

 1.9964, 3.0557,
5.6711

258.9147,

 0.6320, 1.1609,

294.4655, 363.1913

2.5806

309.8805,
350.8567, 429.7529

■ 0.0000, 0.0294,
0.8824

■ 0.0000, 0.0000,
0.0000

■ 47.4254, 57.1533,
76.9387

■ 47.4254, 57.1533,
76.9387

■ 43.2086, 53.8498,
76.5243

■ 52.4143, 60.8798,
77.3960

■ 39.7141, 50.9394,
76.1467

■ 58.2110, 65.0437,
77.8942

■ 36.8944, 48.3989,
75.8050

■ 64.8553, 69.6671,
78.4364

■ 34.6942, 46.1996,
75.4964

■ 72.3826, 74.7683,
79.0243

■ 33.0489, 44.3081,
75.2180

■ 80.8264, 80.3647,
79.6595

■ 31.8795, 42.6836,
74.9661

■ 82.2277, 82.3534,
79.9695

■ 31.4303, 41.9786,
74.8537

■ 83.0962, 84.0903,
80.2590

■ 83.9803, 85.8584,
80.5537

■ 84.8799, 87.6577,
80.8536

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.1379, 57.1533, 63.7645



47.4254, 57.1533, 76.9387



50.5563, 57.1533, 87.1435

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.4254, 57.1533, 76.9387



62.4391, 57.1533, 73.9422



53.7929, 57.1533, 40.6338

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.4254, 57.1533, 76.9387



46.3331, 40.4671, 31.3568

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.2713, 57.1533, 42.5849



47.4254, 57.1533, 76.9387



63.4219, 57.1533, 60.7208

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.4254, 57.1533, 76.9387



59.2410, 57.1533, 85.2525



61.8578, 57.1533, 49.5270



49.6840, 57.1533, 43.7776

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.4254, 57.1533, 76.9387



53.3524, 57.1533, 90.2340



61.8578, 57.1533, 49.5270



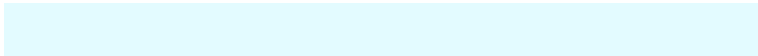
55.3043, 57.1533, 40.7177

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.4271, 57.1556, 76.9400



84.2240, 92.5653, 108.0355



42.9682, 59.8668, 39.6026



17.7638, 19.6286, 23.1024



0.0000, 0.0000, 0.0000



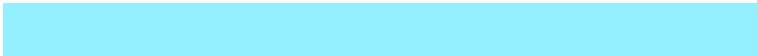
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.4271, 57.1556, 76.9400



61.3751, 75.7674, 105.9975



39.0566, 40.4144, 74.1498



13.2802, 14.5002, 16.7510



18.3213, 24.5121, 43.5041



1.2308, 1.6758, 2.8330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.2755, 39.6716, 65.9302



67.5274, 48.6937, 88.1994



53.7154, 55.2317, 33.8175



13.5313, 13.2416, 16.0591



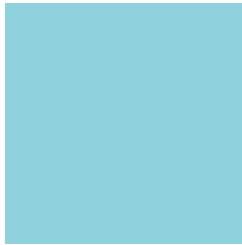
22.7431, 11.0983, 29.3568



1.4956, 0.7279, 2.0185

Previews

White Background



This preview shows how the XYZ color 47.4254, 57.1533, 76.9387 looks on a white background.

Color Contrast Check

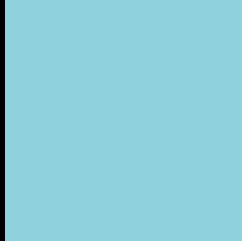
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.4254, 57.1533, 76.9387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

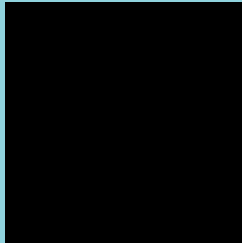
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4254, 57.1533, 76.9387

Background



This preview shows how black text looks on a background with the XYZ color 47.4254, 57.1533, 76.9387.

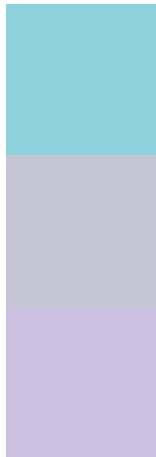


This preview shows how white text looks on a background with the XYZ color 47.4254, 57.1533,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.4254, 57.1533, 76.9387

Protanopia

55.2652, 56.7424, 70.9904

Deuteranopia

57.8374, 56.5553, 79.1021



Tritanopia

48.0295, 57.0212, 80.4263

Trichromacy



Original Color

47.4254, 57.1533, 76.9387

Protanomaly

51.8753, 56.6639, 73.1689

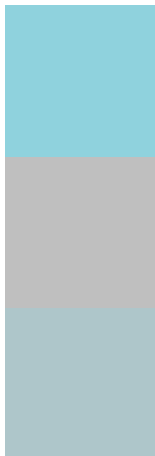
Deuteranomaly

53.1694, 56.1737, 78.5613

Tritanomaly

47.7566, 56.9120, 78.9891

Monochromacy



Original Color

47.4254, 57.1533, 76.9387

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.3103, 53.6511, 63.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4254, 57.1533, 76.9387 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(143, 210, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 47.4254, 57.1533, 76.9387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 210, 221) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(143, 210, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(143, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(143, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4254, 57.1533, 76.9387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 210, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
210, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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